



BUILDERS HANDOUT (RESIDENTIAL)



SUBMITTAL REQUIREMENTS

NEW ONE OR TWO-FAMILY DWELLINGS

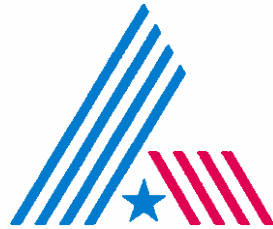
ONE COMPLETE SET of specifications and drawings, "**DRAWN TO SCALE**" with professional clarity and detail to indicate the nature and character of the work, shall accompany **EVERY** Application for a Building Permit. Such drawings shall include the following:

1. **SITE PLAN** showing location of the proposed building and every existing building or structure on the lot and related site improvements such as swimming pools, concrete driveways and sidewalks. The **SITE PLAN** shall include a boundary line survey, easements, rights-of-way, front-yard, side-yard and rear-yard set-backs, building footprint with finished floor and site elevations, arrows indicating drainage, lot number, block number, subdivision name and street address. The site plan shall demonstrate finish grades 12" below foundation on all four corners and indicate the grades falling away from the foundation to all points of discharge. ~~The SITE PLAN shall be drawn by a professional engineer or registered surveyor.~~

1A. **DRAINAGE** must meet all requirements stated above. Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection.

2. **FOUNDATION PLAN** – Professionally designed in accordance with City of Abilene foundation standards. Engineer's stamp must be affixed to the plan of all post tension foundations and a certification letter with the Engineer's stamp affixed.
3. **FLOOR PLAN** - State building square feet per floor.
4. **MECHANICAL, ELECTRICAL & PLUMBING PLANS** – may be combined on the floor plan.
5. **TYPICAL WALL & FOUNDATION SECTIONS/DETAILS and WALL BRACING DETAILS** – shall be professionally drawn.
6. **SPECIFICATIONS** – may be stated on the drawings.
7. **ELEVATIONS – MASONRY CALCULATION** shall be noted on elevation sheet by designer/architect.
8. **THIRD-PARTY ENERGY REVIEW** – building construction plans shall be reviewed by a Third-Party Certified Plans Examiner and a report (RES) submitted stating that the building has been designed to meet the requirements of the current International Energy Conservation Code.
9. **All** drawings, specifications and accompanying data shall be dated and bear the name and address of the designer.
10. **All** construction shall conform to the adopted building codes, ordinances, and planned development district requirements.

***This handout is meant as a guide only; additional inspections and or submittal requirements may be necessary.**



CITY OF ABILENE

BUILDING
INSPECTIONS

Building Permit Application

This application must be complete before a permit will be issued. No work shall be performed or fee accepted until the permit has been approved and issued.

Lot: _____ **Block:** _____ **Addition:** _____ **Plasticity Index:** _____.

Is Property located within a Flood Plain: ☐ YES ☐ NO

Job Address: _____.

Water Supply: ☐ CITY ☐ OTHER _____

Sanitary Sewer: ☐ CITY ☐ PRIVATE **Water Meter Size:** _____

Electric Supplier: ☐ AEP ☐ Other _____

Name of Business (if applicable): _____.

Contractor: _____ **Contact Person:** _____.

Contact Person E-mail Address: _____ **Phone:** _____.

Contractor Address: _____ **City:** _____ **State:** _____ **Zip:** _____.

A/C Sq.Ft.: _____ **Total Under Roof Sq.Ft.** _____.

Valuation of Work: \$ _____ (Total cost of construction excluding cost of land)

If construction is valued over \$50,000 and is not residential, TDLR Project No. (Required):

- The City of Abilene will arrange a Development Review Meeting with owner and contractor for all new "ground up" commercial projects. You may decline such meeting by signing here: _____

Class of Work: ☐ New ☐ Alteration ☐ Addition ☐ Repair ☐ Moving

Structure Type: ☐ One-Two Family ☐ Multi-Family ☐ Commercial ☐ Industrial ☐ Other

Description of

Work: _____

List Subcontractors Below

***Subcontractors indicated shall register with the City of Abilene Building Inspections Department before permits are processed. Contractors shall validate the permit issued for this construction. Separate permits will not be issued for the various trades.**

**** Alarms are required to be permitted and registered with the City of Abilene Police Department.**

***ELECTRICAL:** _____ **CONCRETE:** _____

***PLUMBING:** _____ ***ROOFING:** _____

***HVAC:** _____ **SEPTIC:** _____

FRAMING: _____ ****ALARM:** _____

I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing the granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local laws regulating construction or the performance of construction. By signing below, I understand that I shall meet all City Ordinances and Development Standards applicable to the appropriate zoning.

Date: _____

Applicant Signature: _____

Printed Name: _____

To schedule inspections call 325-676-6273/6232, email buildingpermits@abilenetx.com or log on to mygov.us/login

***** OFFICE USE ONLY *****

Planning: Reviewed by: _____ Site plan required? ☐ Y ☐ N **Zoning:** _____

Set back: Front _____ Back: _____ Side: NSEW _____ Side: NSEW _____ **Flood Plain:** ☐ Y ☐ N

Min.elevation: _____ or 18" above gutter, grade: _____ **Zoning Approval:** _____

Engineering Approval: _____ **Other Approval:** _____

Building Inspection: Reviewed by: _____ **Time Received:** _____ **Date:** _____

Floor Plan: _____ **Foundation Plan:** _____ **Energy Report:** _____ **Asbestos Verification:** _____

Set-Back Verification: _____ **TDLR#?** ☐ Y ☐ N **Site plan approved?** ☐ Y ☐ N **Plan Review Complete:** _____

Notes: _____



RESIDENTIAL INSPECTION PROCEDURES

Inspection requests shall be scheduled using the MyGov permit tracking system. If you are unable to access the internet, a PC is located outside the Development Services lobby for your use during regular business hours. If needed, you may leave a voice-mail request at 325-676-6273/6232 or send an email request to BuildingPermits@abilenetx.com. All requests must contain the following information: Contractor's name, address of inspection, type of inspection and desired date of inspection; we are unable to accept AM/PM requests. Please do not schedule an inspection if the work is not ready; you could be subject to a \$75.00 re-inspection fee. Permit package and address must be posted on site.

PROCEDURES:

1. **The #1 Rule is the "COVER UP" rule: DON'T!** All work must be inspected **BEFORE** it is covered up. For example, electrical, plumbing and framing must be inspected prior to insulating which would "cover up" the work to be inspected.
2. **Form board survey:** A registered professional land surveyor will perform a form board survey; check for elevation, drainage and set back requirements, and must refer to design of subdivision. **A survey must be submitted and approved by the Building Dept. prior to the plumbing rough inspection.** A digital stamp and signature is required.
3. **Piers:** Anytime. Discuss procedure with inspector. A stamped engineer's inspection letter is acceptable.
4. **Temporary Power: (T-pole)** Once obtaining building permit; t-pole shall be installed before framing begins unless prior approval from Building Official is obtained.
5. **Plumbing under slab rough: (Plumbing Rough)** Water meter boxes are not allowed in driveway or sidewalks.
6. **Foundation: (Slab)** Plans shall be on site for inspection.
7. **Second Roughs: (Framing)** Plumbing top out, gas piping, electrical rough-in, HVAC duct rough, and framing shall be inspected together.
8. **Insulation:** All second roughs shall be inspected and approved prior to insulating. *****See Rule No. 1*****
9. **Final Electric/Gas: (TOPS)** Electric power and Gas service released as a Temporary on Permanent Set.
10. **If a Septic System is installed,** a copy of your TCEQ permit shall be submitted to this office prior to CO inspection.

11. **Final Insulation Inspection:** (Final Energy Inspection)- Will be performed with final inspection
12. **All Finals:** (Certificate of Occupancy) Inspections shall be grouped together and performed at one time.
13. **Moving in prior to issuance of a Certificate of Occupancy can be subject to up to a \$1,000 fine per day.**

***This handout is meant as a guide only; additional inspections and or submittal requirements may be necessary.**

Post Office Box 60
555 Walnut Street, Suite 100
Abilene, Texas 79604-0060

CITY OF ABILENE **BUILDING PERMIT FEES**

| | |
|---|------------|
| Minimum Permit Fee | 50.00 |
| Reinspection Fee | 75.00 |
| Temporary Buildings | 75.00 |
| Demolition (Residential) | 50.00 |
| Demolition (1-Story Commercial Structures) | 150.00 |
| Demolition (Multi-Story Commercial Structures) | 500.00 |
| Residential New Construction & Additions (Enclosed Area) | .12 sq.ft. |
| Residential Carports & Storage Buildings (Under 500 sq. ft.) | .10 sq.ft. |
| Residential Garage Enclosures | 100.00 |
| Foundation Only | 100.00 |
| Mobile Home Permit | 100.00 |
| Swimming Pool or Spa (Per \$1,000 Worth of Valuation) | 4.00 |
| Certificate of Occupancy Inspection (Not Associated with Other Building Permit) | 100.00 |
| Address Fee Change | 100.00 |
| Plan Review Fee - 25% of the assessed permit fee payable upon submittal. 25% to be credited upon issuance of Building Permit | |

Building Permit Fees by Valuation

Table A is used to assess fees for new commercial, commercial add-ons and alterations, residential alterations, apartments and buildings with four or more dwelling units per building, and satellite dishes and towers.

TABLE A

| Total Valuation | Fee |
|------------------------|--|
| < \$2,000 | \$50.00 |
| \$2,001 - \$50,000 | \$50.00 for the first \$2,000 plus \$5.00 for each additional \$1,000, or fraction thereof, to and including \$50,000 |
| \$50,001 - \$500,000 | \$290.00 for the first \$50,000 plus \$4.00 for each additional \$1,000, or fraction thereof, to and including \$500,000 |
| \$500,001 and up | \$2,090 for the first \$500,000 plus \$2.25 for each additional \$1,000, or fraction thereof |

HOUSE MOVING PERMIT FEES

| | |
|--|--------|
| House Moving Permit | 200.00 |
| If passing under a Traffic Control Device, add | 50.00 |
| If a Traffic Control Device must be moved, add | 150.00 |
| Saturday, after hour, or holiday charge, add | 160.00 |
| The City will not approve moves on Sunday. | |

ROOFING PERMIT FEES

| | |
|--|------------------|
| Over Five (5) squares- \$.35 Per Square plus \$10.00 | minimum of 50.00 |
| Five (5) Squares or under- | No Charge |

TOWERS AND SATELLITE DISHES

| | |
|--|-------------------|
| Refer to Commercial Structures in Table A, Based on Fee by Value | minimum of 250.00 |
|--|-------------------|

FENCES

| | |
|--|------------------|
| Over 7' high (\$3.00 per \$1,000 Worth of Valuation) | minimum of 50.00 |
|--|------------------|

FIREPLACES

| | |
|---------------------------------------|------------------|
| \$3.00 Per \$1,000 Worth of Valuation | minimum of 50.00 |
|---------------------------------------|------------------|

GRADING PERMIT FEES

| | |
|------------------------------|---------|
| 50 Cubic Yards or Less _____ | \$20.00 |
| 51 to 100 Cubic Yards _____ | \$22.50 |

101 to 1,000 Cubic Yards-\$22.50 for the first 100 yards,
plus \$10.50 for each additional 100 cubic
yards or fraction thereof.

1,001 to 10,000 cubic yards-\$117.00 for the first 1,000 cubic
yards, plus \$9.00 for each additional 1,000 cubic
yards, or fraction thereof.

10,001 to 100,000 cubic yards-\$198.00 for the first 10,000
cubic yards, plus \$40.50 for each additional 10,000 cubic yards
or fraction thereof.

SWIMMING POOL CONTRACTOR FEES

| | |
|---|----------|
| License Fee for Swimming Pool | \$100.00 |
| Annual Renewal Fee for Swimming Pool Contractor | 75.00 |
| License Fee for Above Ground Pools & Spas Contractors | 50.00 |
| Annual Renewal Fee for Above Ground Pools & Spas Contractors | 25.00 |
| Annual Renewal Fee for Inactive Swimming Pool Contractor | 25.00 |
| Swimming Pool Construction Permit Fees (per \$1,000 worth of valuation) | 4.00 |
| Minimum Swimming Pool Construction Permit Fee | 100.00 |

OTHER INSPECTIONS AND FEES

| | |
|--|---------|
| Inspections outside of normal business hours (Minimum Charge-two hours) | 200.00 |
| Special Request Inspections (Minimum Charge-one hour) | 100.00 |
| Board of Building Standards and Mechanical, Plumbing, Electrical, and Swimming Pool Board of Appeals request for hearing for alternate methods and materials | 100.00 |
| Contractor's Registration (annually, due by December 31 of each year) | 65.00 |
| Contractor's Registration Initial Set-up Fee | 50.00 |
| Stop Work Order Release Fee | 125.00 |
| Staged Occupancy Fee | 150.00 |
| Temporary Certificate of Occupancy | 300.00 |
| Extension Request for Temporary Certificate of Occupancy (per extension) | 1000.00 |

CITY OF ABILENE

ELECTRICAL PERMIT FEES

| | |
|---|-------|
| Minimum Permit Fee | 50.00 |
| Reinspection Fee | 75.00 |
| Electrical Device | .30 |
| Lighting Fixture (includes opening) | .55 |
| Fixed or Stationary Appliances | 5.00 |
| Exhaust or Ventilation Fan (fractional motor) | 2.00 |
| Gas Pump/Dispenser | 5.00 |
| Electric Welder | 2.00 |
| Motors Fractional up to 3 HP | 1.50 |
| Motors Fractional 3 to 5 HP | 3.00 |
| Motors Above 5 HP | 5.00 |
| Condenser Units/Chillers 3 Ton or less | 5.00 |
| Condenser Units/Chillers 3 to 5 Ton | 6.00 |
| Condenser Units/Chillers greater than 5 Ton | 7.00 |
| Lighted Signs - Pole Mounted | 20.00 |
| Lighted Signs- Exterior Building Mounted | 5.00 |
| Lighted Signs- Interior | 2.50 |
| Electric Heat per kw | .50 |
| Buss Duct per foot | .50 |
| Multi Outlet Assembly - First Circuit | 1.00 |
| Multi Outlet Assembly - Additional Circuit | .50 |
| Temporary Power Pole | 30.00 |
| Temporary Service | 30.00 |
| New Service (per meter) | 25.00 |
| Service (Move, Change, Alter) | 25.00 |
| Generator | 15.00 |
| Elevators, Dumbwaiters | 10.00 |
| Area Lighting Poles up to 10' (less fixtures) | 2.00 |
| Area Lighting Poles above 10' (less fixtures) | 4.00 |
| Residential Permit- New or additions per sq.ft. | .04 |
| Unfinished living space per sq.ft. | .03 |

OTHER INSPECTIONS AND FEES

| | |
|--|--------|
| Inspections outside of normal business hours (Minimum Charge-two hours) | 200.00 |
| Special Request Inspections (Minimum Charge-one hour) | 100.00 |
| Board of Building Standards and Mechanical, Plumbing, Electrical, and Swimming Pool Board of Appeals request for hearing for alternate methods and materials | 100.00 |
| Contractor's Registration (annually, due by December 31 of each year) | 65.00 |
| Contractor's Registration Initial Set-up Fee | 50.00 |
| Stop Work Order Release Fee | 125.00 |

CITY OF ABILENE MECHANICAL PERMIT FEES

| | |
|--|-------|
| Minimum Permit Fee | 50.00 |
| Reinspection Fee | 75.00 |
| Forced Air or Gravity Type Furnace up to 150,000 BTU's | 10.00 |
| Forced Air or Gravity Type Furnace over 150,000 BTU's | 15.00 |
| Floor Furnaces, Including Vent | 8.00 |
| Suspended Unit Heater or Wall Heater | 6.00 |
| Boilers or Refrigeration Compressor up to 3 HP | 6.00 |
| or Refrigeration Compressor over 3 HP, to/and including 15 HP | 10.00 |
| Boilers or Refrigeration Compressor over 15 HP, to/and including 30 HP | 15.00 |
| Boilers or Refrigeration Compressor over 30 HP, to/and including 50 HP | 25.00 |
| Boilers or Refrigeration Compressor over 50 HP | 50.00 |
| Air Handler Units up to 10,000 CFM | 5.00 |
| Air Handler Units over 10,000 CFM | 8.00 |
| Dryer, Bathroom, and Kitchen Ventilation Fans, that are a portion of any Heating or Cooling System and connected to a Duct | 3.00 |
| Installation of a Refrigerant Air Conditioner System up to 712 Tons | 10.00 |
| Installation of a Refrigerant Air Conditioner over 712 Tons | 15.00 |
| Installation of Incinerator | 4.00 |
| Other Appliances, etc. | 4.00 |
| Type I Grease Hood | 25.00 |
| Type II Vent-A-Hood | 10.00 |
| Duct (not part of permitted equipment) per Inspection | 5.00 |
| Fireplaces (Pre-Fab) | 5.00 |
| Hydronic Piping Test | 15.00 |

OTHER INSPECTIONS AND FEES

| | |
|--|--------|
| Inspections outside of normal business hours (Minimum Charge-two hours) | 200.00 |
| Special Request Inspections (Minimum Charge-one hour) | 100.00 |
| Board of Building Standards and Mechanical, Plumbing, Electrical, and Swimming Pool Board of Appeals request for hearing for alternate methods and materials | 100.00 |
| Contractor's Registration (annually, due by December 31 of each year) | 65.00 |
| Contractor's Registration Initial Set-up Fee | 50.00 |
| Stop Work Order Release Fee | 125.00 |

CITY OF ABILENE PLUMBING PERMIT FEES

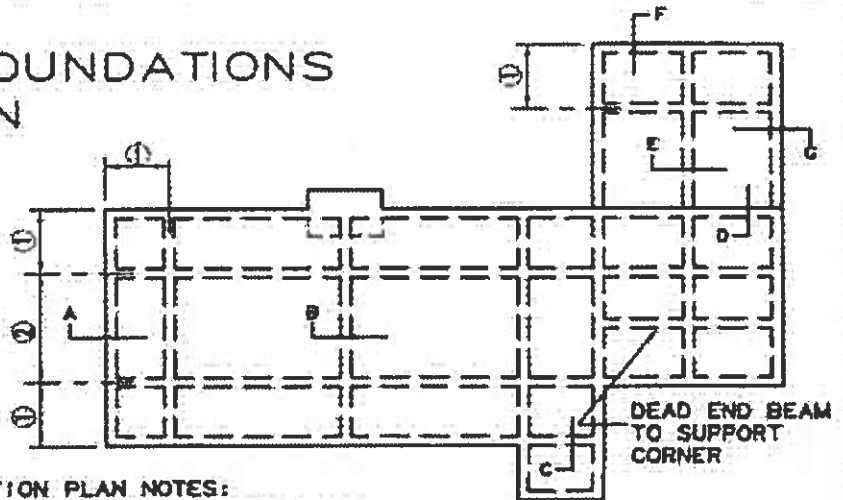
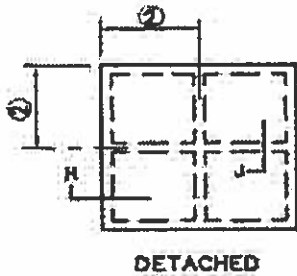
| | |
|---|---------|
| Minimum Permit Fee | \$50.00 |
| Reinspection Fee | 75.00 |
| Water Heater | 5.00 |
| Each Plumbing Fixture | 2.00 |
| Sand Trap, Grease Trap, Interceptors | 5.00 |
| Sewer | 5.00 |
| Trenchless Sewer System | 40.00 |
| Alley Cuts, Paved | 5.00 |
| Alley Cuts, Gravel | 5.00 |
| Water Service Line | 5.00 |
| Gas Service Line | 5.00 |
| Gas Test | 7.50 |
| Each Gas Opening | 1.50 |
| Gas Dryer | 3.00 |
| Outside Appliance | 3.00 |
| Boiler to 3 HP | 6.00 |
| Boiler 3 HP, to/and including 15 HP | 10.00 |
| Boiler over 15 HP, to/and including 30 HP | 15.00 |
| Boiler over 30 HP, to/and including 50 HP | 25.00 |
| Boiler over 50 HP | 50.00 |
| Residential Irrigation System | 75.00 |
| Commercial Irrigation System :5 20 heads or :5 4 rotors | 75.00 |
| Commercial Irrigation System > 20 heads or > 4 rotors | 150.00 |
| Mobile Home Sewer P-Trap | 5.00 |
| Septic Tank | 10.00 |
| Water Softener | 10.00 |
| Rain Water Roof Drain | 3.00 |
| Infrared Radiant Heaters | 5.00 |
| Wall Heaters | 5.00 |
| Floor Furnaces | 8.00 |
| Unit Heaters | 5.00 |
| Backflow Prevention Device | 15.00 |
| Temporary Gas Service | 15.00 |

OTHER INSPECTIONS AND FEES

| | |
|--|--------|
| Inspections outside of normal business hours (Minimum Charge-two hours) | 200.00 |
| Special Request Inspections (Minimum Charge-one hour) | 100.00 |
| Board of Building Standards and Mechanical, Plumbing, Electrical, and Swimming Pool Board of Appeals request for hearing for alternate methods and materials | 100.00 |
| Contractor's Registration (annually, due by December 31 of each year) | 65.00 |
| Contractor's Registration Initial Set-up Fee | 50.00 |
| Stop Work Order Release Fee | 125.00 |

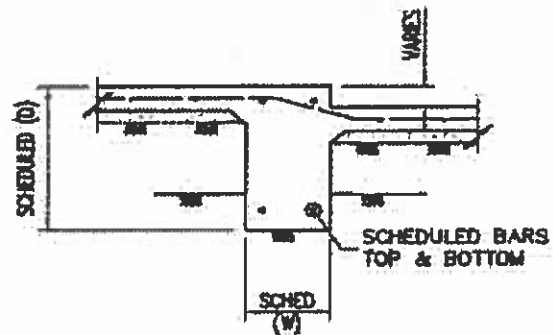
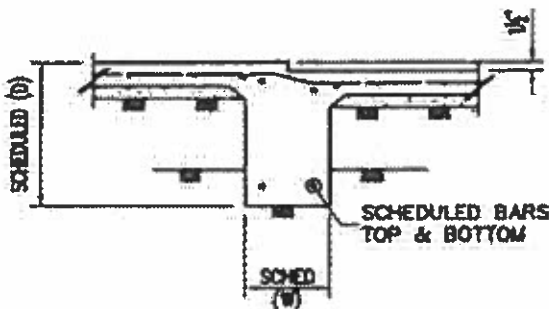
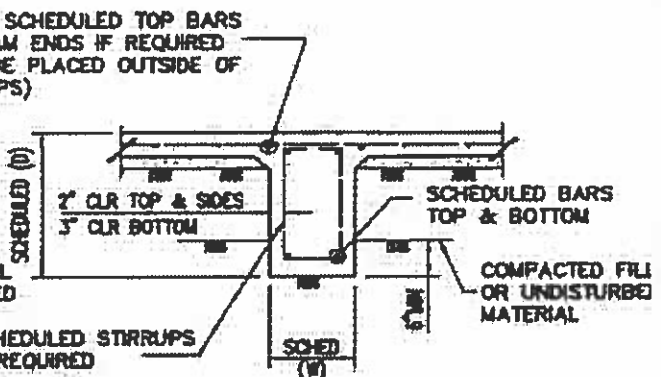
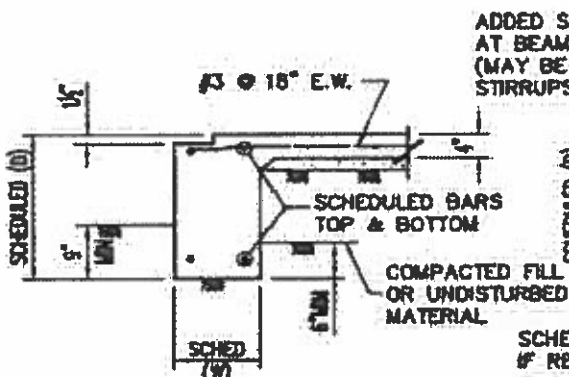
Residential Foundation Design Examples
FIGURE 18-1-E

**CONCRETE FOUNDATIONS
SAMPLE PLAN**

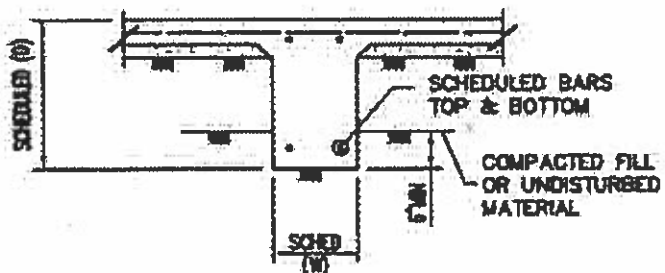


**FOUNDATION PLAN
NTS**

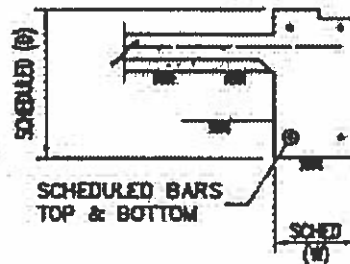
- FOUNDATION PLAN NOTES:**
1. SUPPORT CORNERS W/ MAX BEAM
SPACING OF 8'-0" IN EACH DIRECTION
2. MAX BEAM SPACING TO BE 16'-0"



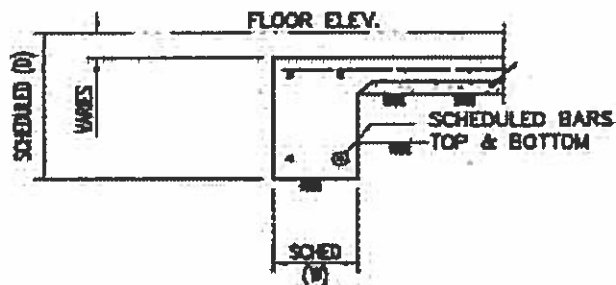
**FOUNDATION DETAILS
NTS**



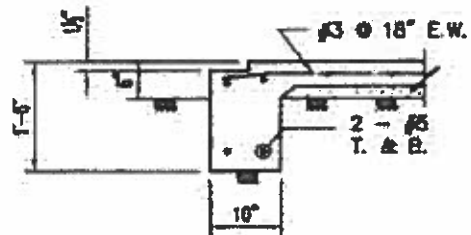
E— GARAGE INTERIOR BEAM



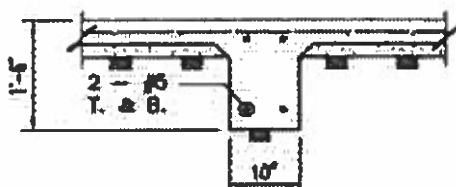
F— GARAGE EXTERIOR BEAM



G— GARAGE EXTERIOR BEAM AT ENTRANCE

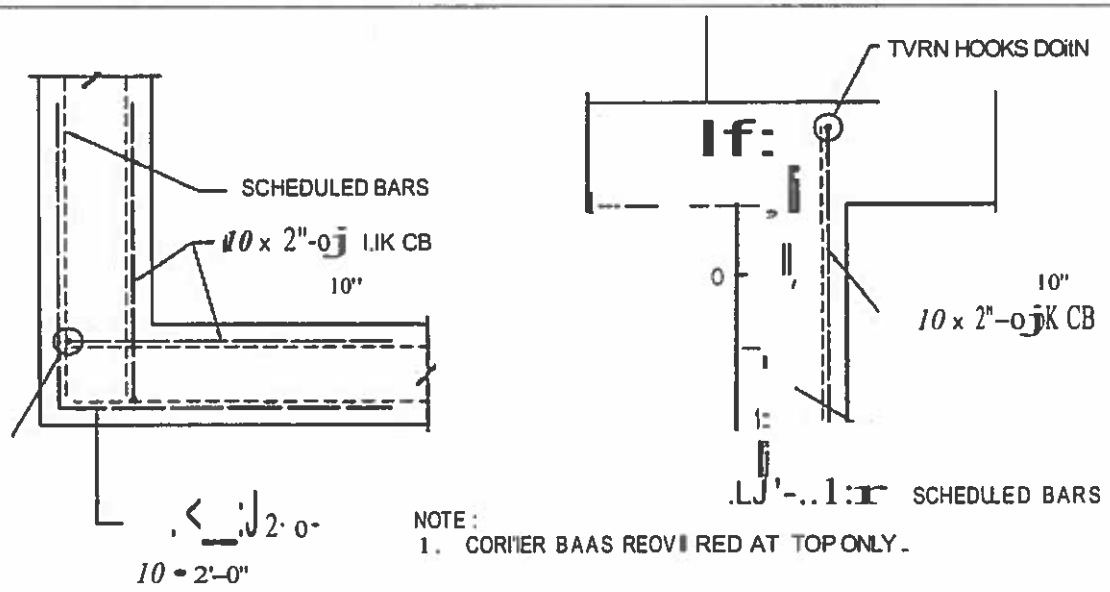


H— EXTERIOR BEAM DETACHED BLDG.



I— INTERIOR BEAM DETACHED BLDG.

GARAGE, PORCH, & DETACHED BLDG
FOUNDATION DETAILS



NOTE:
 1. CORNER BARS REQUIRED AT TOP ONLY.

TYPICAL CORNER BARS

| SINGLE STORY BEAM SCHEDULE | | | | | | | | |
|----------------------------|-----------------|----|-------------|-----------------|----|-------------|--------------------|-------------------|
| PLASTICITY INDICES (PI) | EXTERIOR BEAMS | | | INTERIOR BEAMS | | | | |
| | BEAM SIZE W X D | NO | SIZE & LOCN | BEAM SIZE W X D | NO | SIZE & LOCN | ADDED TOP EACH END | STIRRUPS EACH END |
| 25 OR LESS | 10 x 24 | 2 | #5T #5B | 10 x 24 | 2 | #5T #5B | NOT REQUIRED | NOT REQUIRED |
| 311 | IHI - | 2 | #5T | | 2 | #5T | | NOT |
| 311 TO <10 | 12 x 28 | 2 | #6B | 12 x 28 | 2 | #6B | 1 - // 11 11 | 1 - #3 @ 12" |

9'-0"
 12" MK A

10'-0"
 4" MK B

| TWO STORY BEAM SCHEDULE | | | | | | | | |
|-------------------------|-----------------|----|-------------|-----------------|----|-------------|--------------------|-------------------|
| PLASTICITY INDICES (PI) | EXTERIOR BEAMS | | | INTERIOR BEAMS | | | | |
| | BEAM SIZE W X D | NO | SIZE & LOCN | BEAM SIZE W X D | NO | SIZE & LOCN | ADDED TOP EACH END | STIRRUPS EACH END |
| 25 OR LESS | 10 x 28 | 2 | #6T #6B | 10 x 28 | 2 | #6T #6B | 1 - #8 MK C | 4 - #3 @ 12" |
| 26 TO 30 | 12 x 28 | 2 | #6T #6B | 12 x 28 | 2 | #6T #6B | 2 - #7 MK D | 5 - #3 @ 12" |
| 31 TO 35 | 12 x 30 | 2 | #7T #7B | 12 x 30 | 2 | #7T #7B | 2 - #7 MK E | 6 - #3 @ 12" |
| 36 TO 40 | 12 x 34 | 2 | #7T #7B | 12 x 34 | 2 | #7T #7B | 2 - #7 MK F | 7 - #3 @ 12" |

8'-0"
 12" MK C

8'-0"
 14" MK D

9'-0"
 14" MK E

10'-0"
 14" MK F

FOUNDATION BEAM SCHEDULES

General Notes:

- Use fill with P.I. (Plasticity Index) not to exceed 20: except where water table is encountered, use gravel, crushed stone or comparable material.
- Exterior and interior beams shall be a minimum depth below natural grade of 6". (Exception: when the exterior are placed on a compacted fill of 90% standard proctor density beams shall not be required to extend below natural grade, but shall be required to extend below finished grade a minimum of 6" into the compacted fill.) Exterior beams shall have a minimum of 9" of cover from the bottom of the beam. (See Detail A)
- All concrete shall be of a design mix to have a 28-day compressive strength of 3,000 p.s.i.
- Dead end beams not allowed except for corner support beams. Corner support beams shall pass through one intersecting beam and may dead end after connecting with the next intersecting beam. (See Detail on Concrete Foundation Sample Plan)
- All beam and slab reinforcing shall maintain minimum clearance of 2" from exterior forms on sides.
- All beam and slab reinforcing shall maintain minimum clearance of 3" from bottom of beams.
- Beam reinforcing shall be tied and supported every 4' – 0" minimum.
- Top corner reinforcing steel (bars) required at all perimeter beams. (See Typical Corner Bar Detail)
- LAP splices shall be in accordance with the following:
 - LAP #3 reinforcing steel (3/8" diameter bars) minimum 15"
 - LAP #4 reinforcing steel (1/2" diameter bars) minimum 20"
 - LAP #5 reinforcing steel (5/8" diameter bars) minimum 25"
 - LAP #6 reinforcing steel (3/4" diameter bars) minimum 30"
 - LAP #7 reinforcing steel (7/8" diameter bars) minimum 35"
- Anchor bolts – spacing 6' 0" O.C. (On Center) maximum. 12" from corners. 1/2" X 8" minimum size bolts.
- Provide chairs or other suitable supports for slab and beam reinforcing.
- All reinforcing except #3 reinforcing steel shall conform to ASTM grade 60-type steel. #3 reinforcing steel may be grade 40-type steel.
- Minimum slab thickness to be 4" and minimum reinforcing to be #3 bars at 18" B.W. (Both Ways)
- Beam sizes, spacing and reinforcing steel (bars) shall conform to the beam schedule. P.I (Plasticity Index) shall be determined for each proposed building site in accordance with the United States Department of Agriculture Soil Conservation Services Soil Survey of Taylor County, Texas, 1976. Exception: One soil test per 2500 square foot of foundation footprint shall be collected and tested by an approved testing agency. Spacing of multiple tests shall be in accordance with accepted engineering practices. Foundations for structures resting on soils with a P.I. greater than 40 shall be designed by an engineer licensed by the State of Texas.
- A foundation plan shall be required for all construction.
- **This handout is meant as a guide only, Other regulations/requirements may be necessary to meet current adopted code editions.**